

MISSISSIPPI STATE DEPARTMENT OF HEALTH  
BUREAU OF PUBLIC WATER SUPPLY

CCR CERTIFICATION  
CALENDAR YEAR 2014

2015 MAY -1 AM 8:18

*City of Peru*

Public Water Supply Name

*370009*

List PWS ID #s for all Community Water Systems included in this CCR

The Federal Safe Drinking Water Act (SDWA) requires each Community public water system to develop and distribute a Consumer Confidence Report (CCR) to its customers each year. Depending on the population served by the public water system, this CCR must be mailed or delivered to the customers, published in a newspaper of local circulation, or provided to the customers upon request. Make sure you follow the proper procedures when distributing the CCR. **You must mail, fax or email a copy of the CCR and Certification to MSDH. Please check all boxes that apply.**

Customers were informed of availability of CCR by: *(Attach copy of publication, water bill or other)*

- ☒ Advertisement in local paper (attach copy of advertisement)  
☐ On water bills (attach copy of bill)  
☐ Email message (MUST Email the message to the address below)  
☐ Other \_\_\_\_\_

Date(s) customers were informed: \_\_\_\_/\_\_\_\_/\_\_\_\_, \_\_\_\_/\_\_\_\_/\_\_\_\_, \_\_\_\_/\_\_\_\_/\_\_\_\_

CCR was distributed by U.S. Postal Service or other direct delivery. Must specify other direct delivery methods used \_\_\_\_\_

Date Mailed/Distributed: \_\_\_\_/\_\_\_\_/\_\_\_\_

CCR was distributed by Email (MUST Email MSDH a copy)

Date Emailed: \_\_\_\_/\_\_\_\_/\_\_\_\_

- ☐ As a URL (Provide URL \_\_\_\_\_)  
☐ As an attachment  
☐ As text within the body of the email message

CCR was published in local newspaper. *(Attach copy of published CCR or proof of publication)*

Name of Newspaper: *The Homan Times*

Date Published: *04/23/15*

CCR was posted in public places. *(Attach list of locations)*

Date Posted: \_\_\_\_/\_\_\_\_/\_\_\_\_

CCR was posted on a publicly accessible internet site at the following address **(DIRECT URL REQUIRED)**:  
\_\_\_\_\_

**CERTIFICATION**

I hereby certify that the 2014 Consumer Confidence Report (CCR) has been distributed to the customers of this public water system in the form and manner identified above and that I used distribution methods allowed by the SDWA. I further certify that the information included in this CCR is true and correct and is consistent with the water quality monitoring data provided to the public water system officials by the Mississippi State Department of Health, Bureau of Public Water Supply.

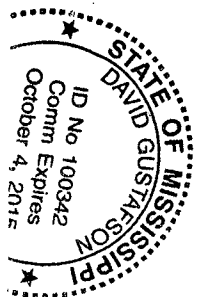
*Shelia Smith, City Clerk*  
Name/Title (President, Mayor, Owner, etc.)

*04-28-15*  
Date

Deliver or send via U.S. Postal Service:  
Bureau of Public Water Supply  
P.O. Box 1700  
Jackson, MS 39215

May be faxed to:  
(601) 576-7800

May be emailed to:  
[water.reports@msdh.ms.gov](mailto:water.reports@msdh.ms.gov)



37109

DRINKING WATER SUPPLY

# City of Purvis 2014 Drinking Water Quality Report

2015 MAY -1 AM 8:19

## Is my water safe?

Last year, as in years past, your tap water met all U.S. Environmental Protection Agency (EPA) and state drinking water health standards. Local Water vigilantly safeguards its water supplies and once again we are proud to report that our system has not violated a maximum contaminant level or any other water quality standard.

## Do I need to take special precautions?

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the Safe Water Drinking Hotline (800-426-4791).

## Where does my water come from?

We are committed to ensuring the quality of your water. Our water source is Miocene Series and Hattiesburg Formation.

## Source water assessment and its availability

Our source water assessment is completed and copies are available at our office. This report notifies public water systems and their customers regarding the susceptibility of their drinking water supplies to contamination. The rankings are as follows:

Well ID 370009-1 Lower (less than average chance of becoming contaminated).

Well ID 370009-2 Lower (less than average chance of becoming contaminated).

Well ID 370009-3 Lower (less than average chance of becoming contaminated).

## Why are there contaminants in my drinking water?

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's (EPA) Safe Drinking Water Hotline (800-426-4791). The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity: microbial contaminants, such as viruses and

bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife; inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban stormwater runoff, industrial, or domestic wastewater discharges, oil and gas production, mining, or farming; pesticides and herbicides, which may come from a variety of sources such as agriculture, urban stormwater runoff, and residential uses; organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations, urban stormwater runoff, and septic systems; and radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities. In order to ensure that tap water is safe to drink, EPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. Food and Drug Administration (FDA) regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

## How can I get involved?

The City of Purvis routinely monitors for constituents in your drinking water according to Federal and State Laws. This table shows the results of our monitoring for the period of January 1 to December 31, 2014. As water travels over the land or underground it can pick up substances or contaminants such as microbes, inorganic, and organic chemicals, and radioactive substances. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some constituents. It's important to remember that the presence of these constituents does not necessarily pose a health risk.

## Description of Water Treatment Process

Your water is treated by disinfection. Disinfection involves the addition of chlorine or other disinfectant to kill dangerous bacteria and microorganisms that may be in the water. Disinfection is considered to be one of the major public health advances of the 20th century.

## Additional Information for Lead

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. City of Purvis is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at <http://www.epa.gov/safewater/lead>.

## Water Quality Data Table

In order to ensure that tap water is safe to drink, EPA prescribes regulations which limit the amount of contaminants in water provided by public water systems. The table below lists all of the drinking water contaminants that we detected during the calendar year of this report. Although many more contaminants were tested, only those substances listed below were found in your water. All sources of drinking water contain some naturally occurring contaminants. At low levels, these substances are generally not harmful in our drinking water. Removing all contaminants would be extremely expensive, and in most cases, would not provide increased protection of public health. A few naturally occurring minerals may actually improve the taste of drinking water and have nutritional value at low levels. Unless otherwise noted, the data presented in this table is from testing done in the calendar year of the report. The EPA or the State requires us to monitor for certain contaminants less than once per year because the concentrations of these contaminants do not vary significantly from year to year, or the system is not considered vulnerable to this type of contamination. As such, some of our data, though representative, may be more than one year old. In this table you will find terms and abbreviations that might not be familiar to you. To help you better understand these terms, we have provided the definitions below the table.

Contaminants	MCLG or MRDLG	MCL, TT, or MRDL	Your Water	Range		Sample Date	Violation	Typical Source
				Low	High			
Disinfectants & Disinfectant By-Products								
(There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants)								
Chlorine (as Cl <sub>2</sub> ) (ppm)	4	4	0.8	0.48	1.45	2014	No	Water additive used to control microbes
Inorganic Contaminants								
Arsenic (ppb)	0	10	0.85	ND	0.85	2012	No	Erosion of natural deposits; Runoff from orchards; Runoff from glass and electronics production wastes
Barium (ppm)	2	2	0.012068	ND	0.012068	2009	No	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits
Fluoride (ppm)	4	4	0.103	ND	0.103	2009	No	Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories
Cyanide [as Free Cn] (ppb)	200	200	15	ND	15	2012	No	Discharge from plastic and fertilizer factories; Discharge from steel/metal factories
Contaminants	MCLG	AL	Your Water	Sample Date	# Samples Exceeding AL	Exceeds AL	Typical Source	
Inorganic Contaminants								
Copper - action level at consumer taps (ppm)	1.3	1.3	0.2	2014	12	No	Corrosion of household plumbing systems; Erosion of natural deposits	
Lead - action level at consumer taps (ppb)	0	15	3	2014	9	No	Corrosion of household plumbing systems; Erosion	

that might not be familiar to you. To help you better understand these terms, we have provided the definitions below the table.

Contaminants	MCLG or MRDLG	MCL, TT, or MRDL	Your Water	Range Low   High		Sample Date	Violation	Typical Source
	Disinfectants & Disinfectant By-Products							
(There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants)								
Chlorine (as Cl2) (ppm)	4	4	0.8	0.48	1.45	2014	No	Water additive used to control microbes
Inorganic Contaminants								
Arsenic (ppb)	0	10	0.85	ND	0.85	2012	No	Erosion of natural deposits; Runoff from orchards; Runoff from glass and electronics production wastes
Barium (ppm)	2	2	0.012068	ND	0.012068	2009	No	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits
Fluoride (ppm)	4	4	0.103	ND	0.103	2009	No	Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories
Cyanide [as Free Cn] (ppb)	200	200	15	ND	15	2012	No	Discharge from plastic and fertilizer factories; Discharge from steel/metal factories
Contaminants	MCLG	AL	Your Water	Sample Date	# Samples Exceeding AL	Exceeds AL	Typical Source	
Inorganic Contaminants								
Copper - action level at consumer taps (ppm)	1.3	1.3	0.2	2014	12	No	Corrosion of household plumbing systems; Erosion of natural deposits	
Lead - action level at consumer taps (ppb)	0	15	3	2014	9	No	Corrosion of household plumbing systems; Erosion of natural deposits	

#### Unit Descriptions

Term	Definition
ppm	ppm: parts per million, or milligrams per liter (mg/L)
ppb	ppb: parts per billion, or micrograms per liter (µg/L)
NA	NA: not applicable
ND	ND: Not detected
NR	NR: Monitoring not required, but recommended.

#### Important Drinking Water Definitions

Term	Definition
MCLG	MCLG: Maximum Contaminant Level Goal: The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.
MCL	MCL: Maximum Contaminant Level: The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.
TT	TT: Treatment Technique: A required process intended to reduce the level of a contaminant in drinking water.
AL	AL: Action Level: The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.
Variances and Exemptions	Variances and Exemptions: State or EPA permission not to meet an MCL or a treatment technique under certain conditions.
MRDLG	MRDLG: Maximum residual disinfection level goal. The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.
MRDL	MRDL: Maximum residual disinfectant level. The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.
MNR	MNR: Monitored Not Regulated
MPL	MPL: State Assigned Maximum Permissible Level

#### For more information please contact:

Contact Name: Greg Martin  
Address: P.O. Box 308  
Purvis, MS 39475  
Phone: 601-794-2472  
Fax: 601-794-2947  
E-Mail: purviscityclerk@yahoo.com

# Hattiesburg Publishing, Inc.

103 N. 40th Ave. • Hattiesburg, MS 39401  
(601) 268-2331 tel • (601) 268-2965 fax

2015 MAY -1 AM 8:18

## Proof of Publication

THE STATE OF MISSISSIPPI, LAMAR COUNTY, FORREST COUNTY  
Personally appeared before me, the undersigned, a notary public  
in and for Lamar County, Mississippi, Katie Farnham, for The  
LAMAR TIMES and The PETAL NEWS, weekly newspapers pub-  
lished in Lamar County and Forrest County, Mississippi respec-  
tively, who, being duly sworn, says that the notice, a true copy of  
which is hereto annexed, appeared in the issues of said newspa-  
pers as follows:

Total # of Words: 4x16 Published 1 times

Date 1st Published: 04/23/15 Amt: 640.00

Date 2nd Published: \_\_\_\_\_ Amt: \_\_\_\_\_

Date 3rd Published: \_\_\_\_\_ Amt: \_\_\_\_\_

Date 4th Published: \_\_\_\_\_ Amt: \_\_\_\_\_

Date 5th Published: \_\_\_\_\_ Amt: \_\_\_\_\_

Subtotal Printer's Fee: \_\_\_\_\_

Proof of Publication Fee: \_\_\_\_\_

TOTAL: 640.00

(signed) Katie Farnham  
The LAMAR TIMES • The PETAL NEWS • The HATTIESBURG POST

Sworn to and subscribed before me in my Presence, this 23  
day of April, 2014, a Notary Public in  
and for the County of Lamar, State of Mississippi:

(signed) [Signature]

### FOR OFFICE USE ONLY:

- ☐ Em P: \_\_\_\_\_
- ☐ App: \_\_\_\_\_
- ☐ Inv. Crt/Mld: \_\_\_\_\_
- ☐ Pymt Rec.d: \_\_\_\_\_
- ☐ POP sent: \_\_\_\_\_

### City of Purvis 2014 Drinking Water Quality Report

#### Is my water safe?

Last year, as in years past, your tap water met all U.S. Environmental Protection Agency (EPA) and state drinking water health standards. Local Water vigorously safeguards its water supplies and once again we are proud to report that our system has not violated a maximum contaminant level or any other water quality standard.

#### Do I need to take special precautions?

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons, such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the Safe Water Drinking Hotline (800-426-4791).

#### Where does my water come from?

We are committed to ensuring the quality of your water. Our water source is Moccasin Series and Hattiesburg Formation.

#### Source water assessment and its availability

Our source water assessment is completed and copies are available at our office. This report notifies public water systems and their customers regarding the susceptibility of their drinking water supplies to contamination. The ratings are as follows:

Well ID 3770008-1 Lower/less than average chance of becoming contaminated

Well ID 3770009-2 Lower/less than average chance of becoming contaminated

Well ID 3770009-3 Lower/less than average chance of becoming contaminated

#### Why are there contaminants in my drinking water?

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's (EPA) Safe Drinking Water Hotline (800-426-4791). The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels

bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife; inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban stormwater runoff, industrial, or domestic wastewater discharges, oil and gas production, mining, or farming; pesticides and herbicides, which may come from a variety of sources such as agriculture, urban stormwater runoff, and residential uses; organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations; urban stormwater runoff; and septic systems; and radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities. In order to ensure that tap water is safe to drink, EPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. Food and Drug Administration (FDA) regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

#### How can I get involved?

The City of Purvis routinely monitors for constituents in your drinking water according to Federal and State Laws. This table shows the results of our monitoring for the period of January 1 to December 31, 2014. As water travels over the land or underground it can pick up substances or contaminants such as microbes, inorganic, and organic chemicals, and radioactive substances. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some constituents. It's important to remember that the presence of these constituents does not necessarily pose a health risk.

#### Description of Water Treatment Process

Your water is treated by disinfection. Disinfection involves the addition of chlorine or other disinfectant to kill dangerous bacteria and microorganisms that may be in the water. Disinfection is considered to be one of the major public health advances of the 20th century.

#### Additional Information for Lead

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. City of Purvis is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Act or at

